

AMENDMENTS TO THE CLAIMS

Claim 1 (Previously Presented): An apparatus for purifying and vaporizing organic molecules contained in a crude material, the apparatus comprising

- a non-metallic crucible including an outer surface and an inner surface having a bottom configured to support the crude material;
- a baffle comprising a glass wool in the crucible above the bottom; and
- a heater configured to heat the crucible and the baffle, wherein the glass wool comprises glass fibers; and
- a mass of the glass fibers in each cm^3 of the glass wool is uniform throughout the glass wool.

Claim 2 (Original): The apparatus according to Claim 1, wherein the crucible comprises an electrically insulating material.

Claim 3 (Original): The apparatus according to Claim 1, wherein the crucible comprises a material selected from the group consisting of alumina, silicon nitride, boron nitride and graphite.

Claim 4 (Original): The apparatus according to Claim 1, wherein the glass wool comprises a glass selected from the group consisting of borosilicate glasses, aluminosilicate glasses, and fused silica glasses.

Claim 5 (Canceled)

Claim 6 (Original): The apparatus according to Claim 1, wherein the glass wool blocks all lines of sight from the bottom of the crucible to an exterior of the crucible.

Claim 7 (Original): The apparatus according to Claim 1, wherein the crucible further comprises an opening to an exterior of the crucible opposite the bottom of the crucible; and the glass wool is between the opening of the crucible and a point halfway between the opening of the crucible and the bottom of the crucible.

Claim 8 (Original): The apparatus according to Claim 1, wherein the inner surface includes a support configured to support the glass wool above the bottom of the crucible.

Claim 9 (Original): The apparatus according to Claim 1, wherein the heater comprises a resistive heater.

Claims 10-20 (Canceled)